

Application Serial No.: 10/044,915

Attorney Docket No. 042846-0312870

In Response to Office Action mailed May 4, 2005

This listing of claims will replace all prior versions and listings of claims in the Application.

LISTING OF CLAIMS:

1. (Currently Amended) A system for enabling updates to applications on a running application server without requiring a server restart, the system comprising:

an application server that ~~services an application for~~ hosts one or more applications used by one or more clients;

a deployer that coordinates an update to the one or more applications on the ~~with the~~ application server, the deployer further comprising:

a configuration file that assigns a priority to the update and ~~pushes~~ coordinates the update to the one or more applications on the application sever based, at least in part, upon the assigned priority.

2. (Currently Amended) The system of claim 1 further comprising:

a duplicate application storage space that communicates with the deployer, wherein the update to the one or more applications is first performed on the duplicate application storage space.

Application Serial No.: 10/044,915

Attorney Docket No. 042846-0312870

In Response to Office Action mailed May 4, 2005

3. **(Currently Amended)** A method for updating an application on an application server, wherein the application is used by one or more client devices, and wherein the update to the application is accomplished without the need for an application server restart, the method comprising:

~~polling a storage location with a deployer to notice the presence of an update, and~~
~~when an update is noticed;~~

determining that an update is available for the application on the application server;

signaling ~~an~~ the application server that the update is ~~present~~ available;

determining a priority level associated with ~~for~~ the update;

deciding whether to proceed with the update based, at least in part on the priority for the update, and if the decision is to proceed;

adjusting the application so that the update may proceed;

updating the application; and

signaling the application server when the update is complete.

4. **(Original)** The method of claim 3 wherein the step of determining a priority for the update further comprises:

reading the priority assigned to the update by the deployer, wherein the assigned priority is based, at least in part, upon a predetermined configuration.

Application Serial No.: 10/044,915

Attorney Docket No. 042846-0312870

In Response to Office Action mailed May 4, 2005

5. **(Currently Amended)** A deployer that coordinates an update to an application running on an application server wherein the application is used by one or more clients, the deployer comprising:

a configuration file that assigns a priority to the update and pushes the update to the application sever based, at least in part, upon the assigned priority.

6. **(Original)** The deployer of claim 5 further comprising:

a poller to poll a storage location and determine whether modified application files exist.

7. **(Original)** The deployer of claim 5 further comprising:

a signaler to signal the application server when the update is complete.

8. **(Currently Amended)** A system for enabling updates to one or more applications on a running application server without requiring a server restart, the system comprising:

application server means for serving an application for one or more clients;

deployer means for coordinating an update to the one or more application ~~with~~ on the

application server means, the deployer means further comprising:

configuration file means for assigning a priority to the update and for coordinating ~~pushing~~ the update to the application server means based, at least in part, upon the assigned priority.

Application Serial No.: 10/044,915

Attorney Docket No. 042846-0312870

In Response to Office Action mailed May 4, 2005

9. (Original) The system of claim 8 further comprising:

duplicate application storage means for communicating with the deployer means, wherein the update to the application is first performed on the duplicate application storage means.

10. (Currently Amended) A processor readable medium, having processor readable code embodied thereon, that causes a processor to update an application on an application server wherein the application is used by one or more client device, and wherein the update to the application is accomplished without the need for an application server restart, the processor readable medium comprising:

processor readable code for ~~polling a storage location with a deployer to notice the presence of an update, and when an update is noticed;~~ determining whether an update is available for the application on the application server, and when an update is available;

signaling ~~an~~ the application server that the update is ~~present~~ available;

processor readable code for determining a priority associated with ~~for~~ the update;

processor readable code for deciding whether to proceed with the update based, at least in part on the priority for the update, and if the decision is to proceed;

adjusting the application so that the update may proceed;

processor readable code for implementing the update to the application; and

processor readable code for signaling the application server when the update is complete.

Application Serial No.: 10/044,915

Attorney Docket No. 042846-0312870

In Response to Office Action mailed May 4, 2005

11. **(Original)** The processor readable medium of claim 10 wherein the processor readable code for determining a priority for the update further comprises:

processor readable code for reading the priority assigned to the update by the deployer, wherein the assigned priority is based, at least in part, upon a predetermined configuration.

12. **(Currently Amended)** Deployer means that coordinate an update to an application running on an application server wherein the application is used by one or more clients, the deployer means comprising:

configuration file means for assigning a priority to the update and pushing the update to the application sever based, at least in part, upon the assigned priority.

13. **(Original)** The deployer means of claim 12 further comprising:

polling means that polls a storage location and determines whether modified application files exist.

14. **(Original)** The deployer means of claim 12 further comprising:

signaling means for signaling the application server when the update is complete.

15. **(New)** The system of claim 2 wherein the duplicate application storage space is a mirror server.

Application Serial No.: 10/044,915

Attorney Docket No. 042846-0312870

In Response to Office Action mailed May 4, 2005

16. (New) The system of claim 1 wherein the priority is based at least in part on the type of application.

17. (New) The method of claim 3 wherein determining that an update is available further comprises:

polling a storage location to check for the presence of an update.

18. (New) The method of claim 3 wherein the priority level is one of a high, medium, or low priority.

19. (New) The method of claim 18 wherein the priority level is high and wherein adjusting the application so that the update may proceed further comprises:

halting the application.

20. (New) The method of claim 18 wherein the priority level is medium and wherein adjusting the application so that the update may proceed further comprises:

preventing access to the application by a client device that is not currently using the application; and

halting the application when one or more client devices that are currently using the application terminate the application.

Application Serial No.: 10/044,915

Attorney Docket No. 042846-0312870

In Response to Office Action mailed May 4, 2005

21. (New) The method of claim 18 wherein the priority level is low and wherein adjusting the application so that the update may proceed further comprises:

halting the application when no client device is using the application.